

IP Boot Manager 9280 User Manual



User Manual



IP BOOT MANAGER 9280
Version : V1.00
Date : 2008.04

Notice :

1. Any modification without the authorization of the manufacturer will void the warranty of the product
2. This device has been FCC and CE certified and should be used under normal conditions to prevent damage and interference to the device.

Important :

1. We are not responsible for any damages caused by misuse of the device or use in an inappropriate form or environment.
2. Do not shake or use the IP Boot Manager in a shaking manner.
3. If the 9280 is defective after purchasing, please contact your local dealer to get after sales service. Please do not disassemble the product in any way, shape, or form for this may cause your warranty to void.

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Trademark : The trademarks and names that are used in this manual are recognized by their respected owners

Warning : You will not be notified of any new hardware updates.

Table of Contents

1. PRODUCT OVERVIEW	4
FEATURES	
INTRODUCTION OF THE 9280	
2. PRODUCT DESCRIPTION	5
PRODUCT SPECS	
SYSTEM REQUIREMENTS	
3. INTERFACE DESCRIPTION	6
4. INSTALLATION	7
HARDWARE INSTALLATION	
SOFTWARE INSTALLATION	
5. INITIAL SETUP	9
INITIAL SETUP TO CONTROL LAN PC	
SETTING UP LAN PC FOR SAFE SHUTDOWN	
6. CONTROL AND CONFIGURATIONS THROUGH IE	12
CONTROL SETTINGS	
AUTOMATIC PING SETTINGS	
SCHEDULE SETTING	
9280 SYSTEM CONFIGURATION	
9280 IP SETUP	
DDNS SETTINGS	
IP SERVER FUNCTIONS	
SNMP SETTINGS	
NTP SETTINGS AND FEATURES	
7. HTTP COMMANDS	21
8. WEBPAGE CUSTOMIZATION	22
9. RESTORE TO DEFAULT SETTINGS	26
10. FREQUENTLY ASKED QUESTIONS	26

1. Product Overview

The IP Boot Manager 9280 is a server / cpu management hardware that helps maintain the stability and integrity of the computers that it is managing. It features the ability to Turn off, Turn on, Reset, Auto-ping, schedule daily server maintenance, and etc. With no limitations to the type of PC's that can be used, and also no additional software installation needed, this device allows you to manage up to 8 separate PC's from anywhere in the world as long as you have internet connection. The IP Boot Manager 9280 gives you the flexibility to be anywhere and yet still have access to your servers or your client's servers. Giving you time flexibility, lowered costs (from overheads), and access from anywhere this device is a must have in any server room.

Features :

1. Built in web-server no PC is needed.
2. Built in HTTP Internet browsing interface. No special software is needed to use, only major internet web browsers such as Internet Explorer and Netscape.
3. Control the Turn off, Turn on, and Reset of up to 8 separate PC's or servers
4. Network Support : HTTP, SMTP, Internet, Fixed IP, DHCP, DDNS, LAN, Virtual IP.
5. Secure Password Installation that is easy to install or updated.
6. Serial Communication Port to support real time status of the 9280.
7. LED lights that show the connection status of each PC.
8. Resistant High-Voltage design is not leakage, non flammable material.
9. IP 9XXX Series can be combined or used independently together
10. Scheduler: Allows you to set a specific time or date to run a turn off, turn on, and reset of your PC's
11. NTP Support, allows you set the time and synchronize the device with a computer on the net network

2. Product Descriptions

9280 Package Contents

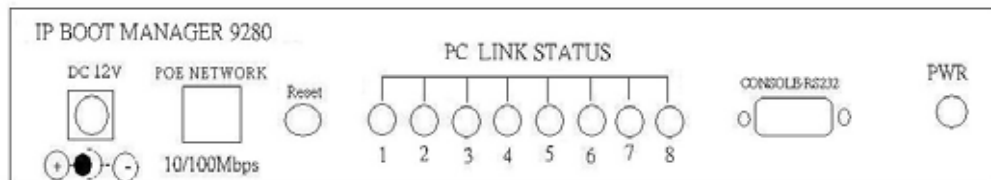
Includes the following main items:	
IP Boot Manager 9280 Base Unit 	8 PCI Cards that go into Servers 
Cables and Accessories	
 Internet Cable (1meter): For Connecting the Base unit to Router, Hub, or PC.	
 Cat5e Cable (5meter) x 2: Connect the PCI Card to the 9280 Base unit	
 DC Adapter (12V): DC adapter for Powering up device	
 4 Pin and 2 Pin Connectors: (Black and White) (Red and Black)	

CPU Minimum Requirements

- CPU Processor: The same as or above a Intel Pentium III or AMD Athalon
- Operating Systems: WINDOWS Operating Systems (IE5.0+SPI) & LINUX
- Memory Requirements 64MB or More
- Supports Direct Draw Graphics Card
- RJ45 LAN & Internet HUB & Switch
- Internet (For remote access) or Ethernet Network (Internal Network use) with some type of Internet connection, (i.e. ADSL, Cable, Dial up or any other forms of Internet service)

3. Interface Descriptions

IP BOOT MANAGER 9280 Front Panel View



Picture is Describe from Left to Right:

DC 12V: DC 12 Volt input – Found on both POE and Non POE Models

POE NETWORK : Connect the RJ45 or POE cable to this section.

*** Note: POE is only available on the POE models**

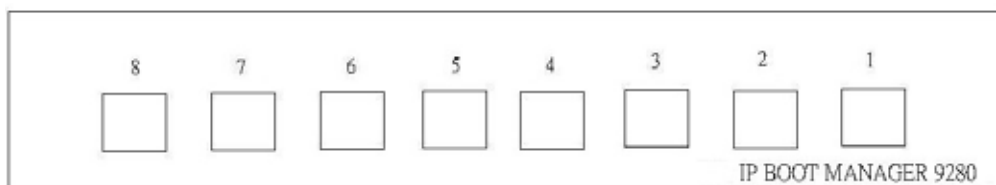
RESET : Press and Hold for 3-5 to reset device back to manufacturer default settings

PC LINK STATUS : Provides information on whether the servers / Cup's are connected

CONSOLE-RS232: Internal Debugging Purposes

PWR : Power Status Indicator

IP BOOT MANAGER 9280 Rear Panel View



Connect up to 8 PC's / Servers using regular RJ45 cables which are connected to the PCI card that is installing into the PC's Servers to control the Turn off, Turn on, and Rest.

4. Installation

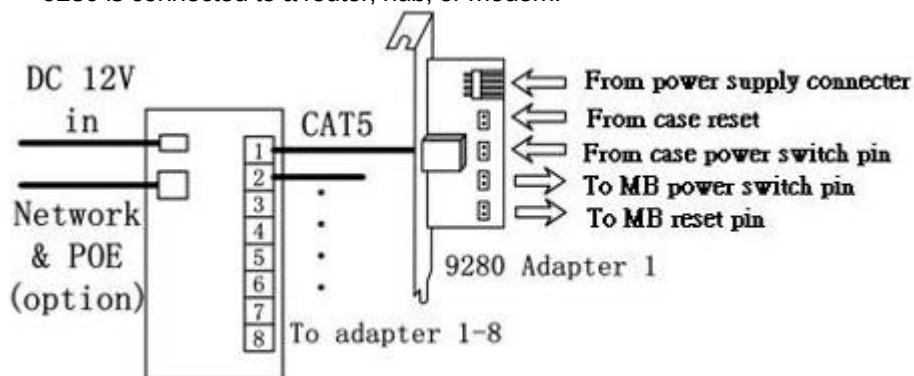
- Before you start using the IP Boot Manager 9280

Please check your packaging contents:

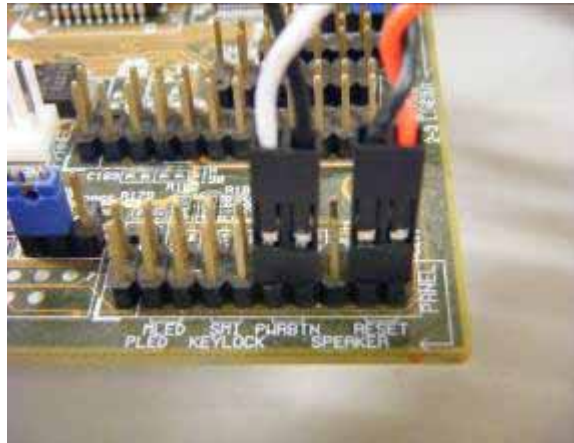
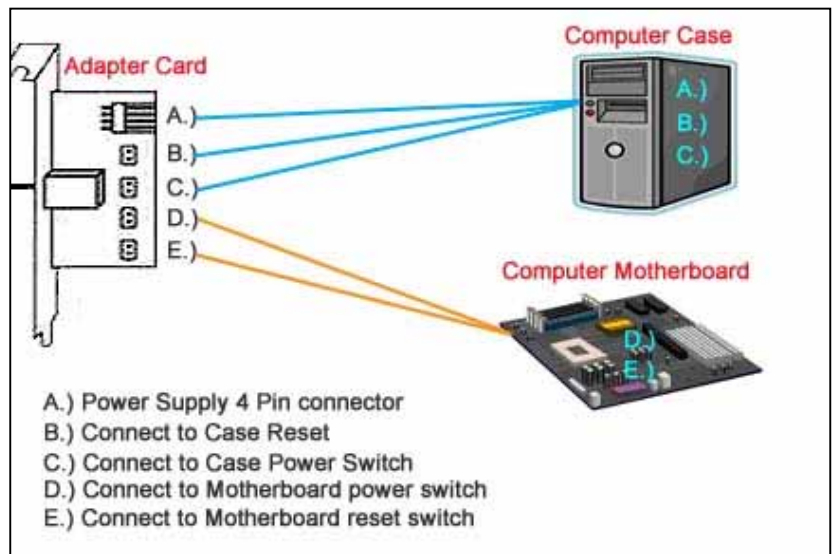
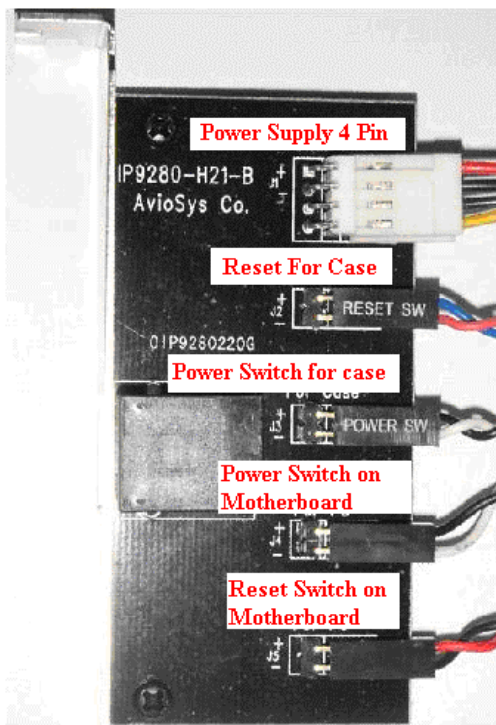
- Prepared POE Router / Router / or Hub

Hardware Installation

- 1 Open the main CPU / Server
- 2 Connect the Pins from the Reset and Power Switch of the case to the Pins on the PCI card that says (Case Reset) and (Case Power Switch) * **These must be connected to make sure that the reset buttons and power switch on the case works correctly.**
- 3 Connect the Pins on the PCI card (MB Power Switch) and (MB Reset Pin) to the Motherboard (Please refer to your mother boards manual on where the reset pins should go) ***This must be connected to make sure that the device works**
- 4 Connect the 4 Pin 5V Power supply cable to the PCI card where the Power Supply cable should go. ***This must be connected for the LED's on the 9280 to function correctly**
- 5 Install the PCI card into the PCI Slot and screw in and fix the card
- 6 Use RJ45 cable to connect the PCI card and the 9280 Bare board
- 7 Repeats Steps 1-7 until all your servers or CPU have the device installed.
- 8 Now that all the Cpu's and Servers are connected to the 9280. Make sure that the 9280 is connected to a router, hub, or modem.



Note: * Please refer to the picture below to see how the device is attached to the PC. Remember that all motherboards are designed differently so you may have to refer to your motherboards manual to find where the Power and Reset switch connect to.



Software Installation

Please follow the steps below to install the software.

1. Insert the Installation CD in the package and windows will auto-run. If not please browse for the Autorun.html file in CD.
2. Click **IPedit** in the downloads section of the installation CD



3. Save IPEdit to your desktop or any other place of your choosing
4. After you have saved it onto your desktop and double click to run it.

5. Initial Setup

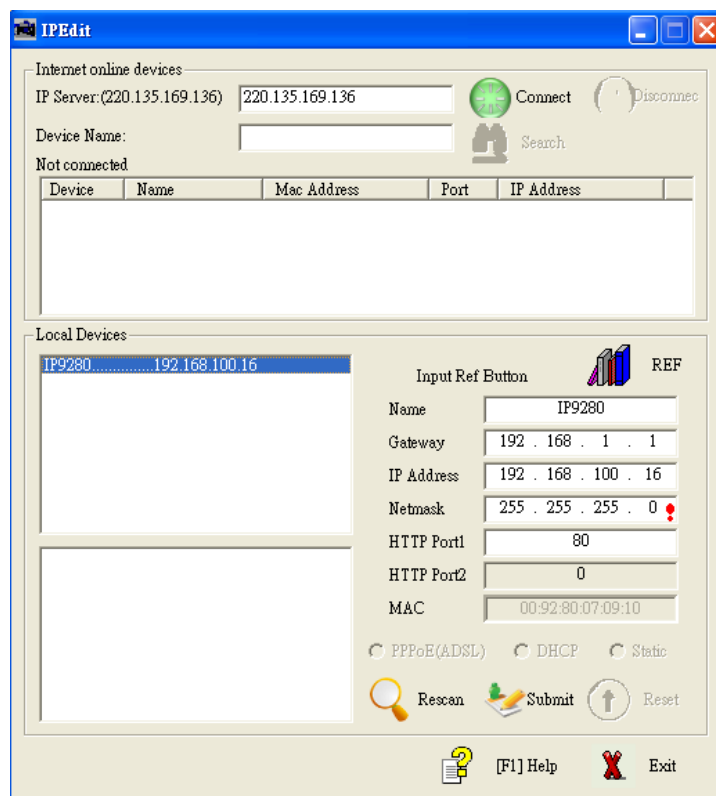
Initial Setup Through the Ethernet

1. . Open "IPEdit.exe". Make sure that the IP Boot Manager 9280 is properly turned on and there is an Ethernet connection from the RJ45 cable.



In the local devices section of IPEdit all products under the same subnet network will appear. Please refer to (Figure 1.1) below:

(Figure 1.1 IPEdit)



IPEDIT will search and display all IP Products 9XXX series under the same local Ethernet. The default name for the IP Boot Manager 9280 is "**IP9280**" Please refer to (Fig. 1.2 above).

1. Double click and highlight your IP Boot Manager 9280 device. The default device name and IP/Network settings will all be displayed on the right hand side of IPedit.

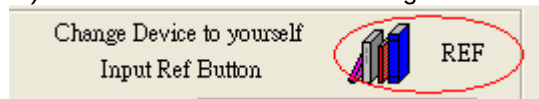
Make sure that the IP Address of your 9280 is setup on the same subnet network as your PC's (Subnet mask, Gateway)

*  Represents that your 9280 does not match the gateway of your router.

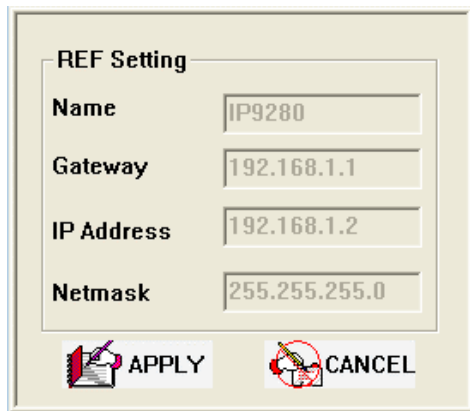
(E.g. If the Default Gateway of your computer is 192.168.1.1 The IP Address of your 9280 will need to be set up to 192.168.1.XXX.)

2a. **Automatically Detect Network settings** (Please go to 2b. for steps on how to manually enter network settings)

a.) Click on the REF button to the right of IPedit



b.) Please wait a few seconds while IPedit detects your network settings. Then click the Apply button to apply the new network settings



2b. **Manually enter network settings In Ipedit:**

a.) You can manually enter the networks settings for the following:

The name: (please use numbers or letter)

Gateway IP: (The default gateways IP can be found using

IP Address: (please set in the same subnet as your PC) in the text windows.

b.) Then click **Submit** after the settings have been selected. Wait about 20 seconds for the new settings to be updated.

c.) Click **Rescan**, and the new device settings will display in text window.

Note:

- 1.) Make sure the RJ45 network cable is connected and the 9280 is powered on.
- 2.) * The default IP address of the 9280 is **192.168.10.100**. If you cannot get into the webpage of the 9280, please make sure to set subnet of the IP Power 9280 to match with your PC Subnet Mask.

To obtain the IP information manually:

In Windows Go to:

- a.) Start → Run → type in "cmd" → Hit enter and the MS –DOS window will open,
- b.) Now type in "ipconfig"

```

C:\WINDOWS\System32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Chiu>ipconfig

Windows IP Configuration

Ethernet adapter 區域連線:

    Connection-specific DNS Suffix . :
    IP Address. . . . . : 192.168.100.31
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.100.254

C:\Documents and Settings\Chiu>

```

The last set of numbers of the IP address can be any number between 1~254, but cannot be same as your PC, hub, router or any device in the network. If using in any PC, just use HUB and type the 192.168.0.100 in Browser or use "IPDdit.exe " then you can get in the web page.

* Same **SUBNET**: The first 3 sections of IP address is same - XXX.XXX.XXX.abc. The part of XXX must be the same.

(E.g. One computer with the IP address of **192.168.1.100**, while another computer with an IP address of **192.168.1.123** are IP's in the same subnet.)

5 .The default username and password of IP Power 9280 are:

Username: admin
Password: 12345678

6. Control and Configurations Through IE

IP9280 Login

Please enter user name and password.

User Name:

Password:

Two methods for entering the web server:

- 1.) Open IPEdit.exe and in the local devices section double click on your device. This will open up internet explorer and you will be prompted for your login and password.
- 2.) Open up Internet Explorer and type in the IP address of your device. Then you will be prompted for your login and password.

*Note: The default login and password for the 9280 is

Login: admin

Password: 12345678

Power Configuration

The Power Configuration allows you the user to go into the Power Settings, Auto Ping Settings, and Power Schedule Settings pages. From here this is where you will be able to control the power, maintain, and schedule power routines for your PC's / Servers.

Power Settings

The Power settings in the Power Configuration section allows you to Rename your devices, Power on/off, or Reset

Rename: This section allows you to Change the name of your device. Just type in the name that you would like and hit the apply button. To return to default name hit the default name button

Control: This section allows you to manually Power On/Off or Reset your device



IP BOOT MANAGER

IP9280

Power Configuration

[Power Settings](#)

[Auto Ping Settings](#)

[Power Schedule 1](#)

[Power Schedule 2](#)

System Settings

[System Configuration](#)

[DDNS](#)

[IP Server](#)

[SNMP](#)

[Change Password](#)

[Firmware Update](#)

Power Settings

No.	Name	Rename	Control		Status
1	PC - 1		Power	Reset	OFF
2	PC - 2		Power	Reset	OFF
3	PC - 3		Power	Reset	OFF
4	PC - 4		Power	Reset	OFF
5	PC - 5		Power	Reset	OFF
6	PC - 6		Power	Reset	OFF
7	PC - 7		Power	Reset	OFF
8	PC - 8		Power	Reset	OFF

Automatic Ping Settings

The Automatic Ping Settings function in the Power Configuration section allows you to keep your CPU's / Server in a very good state. With this watchdog technology it allows you to automatically keep pinging your Servers or Cpus to make sure that there is no computer that has hung or frozen. I

Auto Ping Settings

Ping Settings						
Name	Enable/Disable	Ping IP	No. of Ping Retries	PC Startup Time	After Device Startup	Device Action
PC - 1	ENABLE	192.168.1.32	10	90	Continue Pinging	Power ON/OFF
PC - 2	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 3	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 4	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 5	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 6	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 7	DISABLE		10	90	Continue Pinging	Power ON/OFF
PC - 8	DISABLE		10	90	Continue Pinging	Power ON/OFF

Global Settings		
Ping Interval:	2	Seconds
Ping EchoWait::	20	Millisecond

Enable/Disable: Enable Auto Ping Function

Ping IP: IP Address of the computer you want to enable auto-ping function

No. of Ping retries: How many attempts to retry pinging before Device Action is activated

PC Startup Time: How long it takes for the computer to boot up. (Minimum Setting here is 90 seconds)

After Device Startup: What action to do after Device has started up (Continue Pinging or Stop Pinging)

Device Action: How you want the device to respond if Pinging fails (Power On/Off or Reset)

Schedule Settings

The Power Schedule in the Power Configuration section allows you, the user to select a certain time of the day, week, or month to turn off / on or reset the Cpu's / Servers that are attached to the device. This will keep your computers stable and clear used memory in the long term. The power schedule settings is separated into two separate schedules. Power schedule 1 is composed of Devices 1-4 and Power schedule 2 is composed of Devices 5-8.

Power Schedule 1

Device	Date	Time	Frequency	Action
PC - 1_A	2008 - 04 - 21	14 : 20 : 00	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 1_B	2008 - 04 - 21	14 : 20 : 30	Disable	☐ Power ON ☐ Power OFF ☒ Reset
PC - 2_A	2008 - 04 - 21	14 : 21 : 00	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 2_B	2008 - 04 - 21	14 : 21 : 30	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 3_A	2008 - 04 - 21	14 : 22 : 00	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 3_B	2008 - 04 - 21	14 : 22 : 30	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 4_A	2008 - 04 - 21	14 : 23 : 00	Disable	☒ Power ON ☐ Power OFF ☐ Reset
PC - 4_B	2008 - 04 - 21	14 : 23 : 30	Disable	☒ Power ON ☐ Power OFF ☐ Reset
Submit				

The Power Schedule(s) are composed 4 separate fields **Date**, **Time**, **Frequency**, and **Action**.

Power Schedule 2

Name	Date	Time	Frequency	Action
PC - 5_A	2008 - 04 - 22	13 : 39 : 00	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
PC - 5_B	2008 - 04 - 22	13 : 39 : 30	Disable	☐ Power ON ☐ Power OFF ☒ Reset
PC - 6_A	2008 - 04 - 22	13 : 39 : 00	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
PC - 6_B	2008 - 04 - 22	13 : 39 : 30	Mon - Fri	☐ Power ON ☐ Power OFF ☒ Reset
PC - 7_A	2008 - 04 - 22	13 : 39 : 00	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
PC - 7_B	2008 - 04 - 22	13 : 39 : 30	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
PC - 8_A	2008 - 04 - 22	13 : 39 : 00	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
PC - 8_B	2008 - 04 - 22	13 : 39 : 30	Every Days	☐ Power ON ☐ Power OFF ☒ Reset
Submit				

Note:

Each PC has 2 separate Schedule settings. **For Example:** There is a schedule for PC – 1_A and PC – 1_B which allows you to turn off the device and turn it back on.

Date (YYYY - MM - DD): This is the date that the action is activated

Time (HH:MM:SS): This is the time that the action will be activated use 24 hr format

Frequency:**Disable:** Disables the Power Schedule**Just Once:** Only activates Power Schedule on the date specified**Everyday:** Activates the Power Schedule Everyday Monday – Sunday from the date specified**Mon – Fri:** Activates Power Schedule from Monday – Friday from the date specified**Weekend:** Activates Power Schedule on Saturday and Sundays only**Action:** Action is separated into 3 parameters**Power On:** This field turns on the device**Power Off:** This field turns off the device**Reset:** This field just resets the device**System Settings**

The System Settings section is where you the user would go to configure your device. In this section you will find the setting controls for System Configuration, DDNS Configuration, IP Server, SNMP, Password Change, and Firmware Update.

9280 System Configuration

1. System Configuration:

In this section you can manually setup the IP Address of your 9280. This settings page allows you to setup the IP Address, Subnet Mask, Default Gateway, DNS, DHCP Client, BEEPER, Http Command Verification, Device Name, and Release Version.

System Configuration

IP Address:	192	.	168	.	100	.	16	.	80
Subnet Mask:	255	.	255	.	255	.	0	.	
Default Gateway:	192	.	168	.	1	.	1	.	
DNS:	168	.	95	.	192	.	1	.	
DHCP Client	☒ Enable ☐ Disable								
BEEPER	☒ Enable ☐ Disable								
Http Command Verification	☒ Enable ☐ Disable								
Device Name:	IP9280								
Release Version:	V1.00 2008/04/22								
Please press Submit to apply changes to the settings. System will automatically restart.									
Submit Cancel									

Note: * All of the basic IP address settings can also be setup using IPEdit. Including the IP Address, Subnet Mask, Default Gateway, and Device Name.

IP Address: In this section use either the IP Address given by your router or a IP address that is provided by your ISP if you are directly connecting the unit

Subnet Mask: Use the Subnet Mask that you desire. Please refer to page 10 "To obtain the IP information manually" if you need reference

Default gateway: Default gateway refers to the gateway IP address that lets you connect to your router. Please refer to page 10 "To obtain the IP information manually" if you need reference

DNS: Please use the DNS IP Address provided by your ISP (Taiwan Companies are allow to use 168.95.1.1)

DHCP Client: This allows your hub or router to provide the IP address for your device automatically. By default this function is enabled.

Enable – Enable DHCP server

Disable – Disable DHCP server

Beeper: Enable – Enable beep sounds when commands are sent or activated

Disable – Enable beep sounds when commands are sent or activated

***Each command that is sent to the 9280 if the beeper is enabled will create a "beep" sound**

Http Command Verification:

Enable – Enables the 9280 from accepting DHCP commands

Disable – Disables the 9280 from accepting DHCP commands

Device Name: Gives the device a name, which also allows for easy searching in the network and IPedit.

Reminder:

1) **IP Address Format:** xxx.xxx.xxx.xxx:yyyyy

xxx.xxx.xxx.xxx: Resembles the format of the IP Address

yyyyy: Is the port number of the device which ranges from (1~32767).

2) **Subnet Mask:** (xxx.xxx.xxx.0 ~ xxx.xxx.xxx.254) Can Range from 0~254.

3) If your DHCP client is enabled the default port will be 80. But if you disable the DHCP client then you can set your own IP and port number

4) If you are using a port other than port 80 you must also enter the port that you using by following this format (<http://xxx.xxx.xxx.xxx:yyyyy>). Or you can use IPedit.exe to help you setup the virtual IP Address so you can just directly click on your device and the Internet Explorer page will appear.

2. DDNS Setup

When the user connects to the Internet through ADSL (PPPOE Service), the IP address that you receive from ISP is usually a dynamic IP Address. Therefore when someone wants to visit your device they are usually not able to because the IP Address is dynamic and it will keep changing. By using DDNS this problem is solved.

Below we will explain using the DDNS service provided by www.dyndns.com:

1.) First, apply for a domain name (Ex. yourdomain@dyndns.org) in www.dyndns.com for the 9280.

2.) Set the domain password and select the proper DNS server (for example, dnsdojo.net) for domain name resolve.

3.) Then input the Domain Name Server (host name), user name, password, and, etc in the DDNS webpage of 9280.

- 4.) After you have set every up correctly every time the 9280 start or user selects submit, the 9280 will send a message package including its current IP address, domain name to www.dyndns.com, then the DNS server you choose will link the domain name of 9280 to its current IP address. That way the visitor can visit the 9280 webpage by inputting the domain name of 9280 (abcdefg.dnsdojo.net) in the address column of the browser.

DDNS SETUP

DDNS SETUP	
DDNS Server IP:	123.234.123.234:80
Your Domain:	sample.dyndns.info
DDNS UserName:	sample
DDNS Password:	•••••
Enable DDNS:	No v
Proxy Enable:	Yes v
Proxy IP:	proxy.sample.net
Proxy Port:	80
SAVE Apply Changes	

DDNS Server IP: Type in the IP Address and port number provided by www.dyndns.com. Please refer to the figure above for reference.

Your Domain: Please type in the domain name that you have chosen to use.

DDNS UserName: Enter your DDNS User Name here

DDNS Password: Enter your DDNS password here

Enable DDNS: This setting allows you to enable DDNS or disable. Select True – If you want to enable DDNS and Select False – If you want to disable DDNS

Proxy Enable: If you need to use a proxy Server, Select True – to enable proxy and Select False – to disable proxy.

PROXY IP: If proxy is enabled you will need to enter the Proxy Servers IP Address

PROXY PORT: If proxy is enabled enter the port of your proxy server IP Address here

Note: Once you are done setting up these configuration settings make sure you hit the Save Button and then the Update Now to confirm completion

3. IP SERVER

IP Server gives the user the ability to easily search for a device name rather than a long IP Address that is easy to forgotten.

IPsrv Configuration

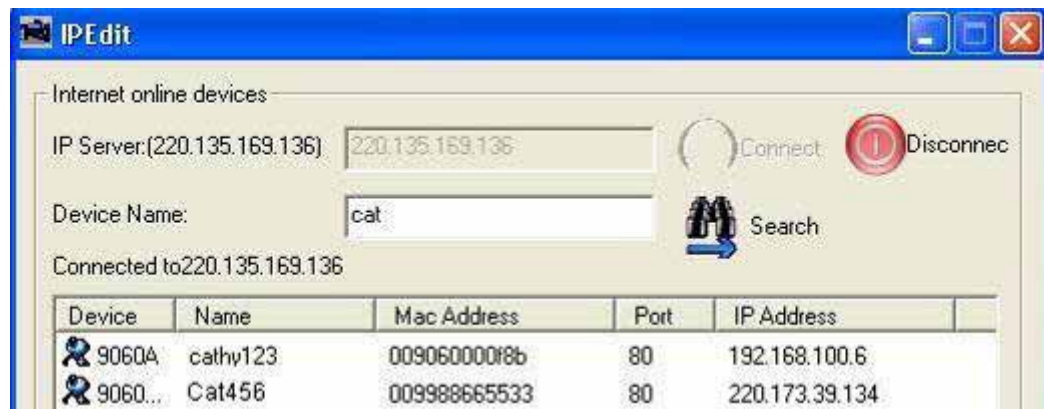
IPServer ON/OFF:	ON	▼		
IPServer Address:	220	135	169	136
Save Cancel				

To Enable IP Server:

Go to IP Server on the Left hand side of the Webpage and then make sure you have **IP Server On/Off** set on **"On"**.

The default IP server Address is **220.135.169.136** and provided.

The user can also setup his/her own IP Server system and use his or her own address as well.



By setting the server address in IP server of advanced setup page, the user can easily search for his/her IP Boot Manager 9280 on internet just by searching for the name of the device. The **default IP address of IP server is 220.135.169.136.**

Step1: Click the green "connect" button

Step2: In the device name section: Type in the name of your device (Min of 3 letters)

4. SNMP Configuration

To use SNMP configurations you will need to correctly input the Manager IP Address.

SNMP Configuration

Manager IP Address:	255	255	255	255
Trap when DI has triggered	☐ Enable ☒ Disable			
Submit				

5. Change Password

Use these directions to learn how to change your password back to factory default

Change Password

Old Password:	
New Password:	
Confirm New Password:	
User authorization required:	☐ NO ☒ Yes
Submit	

***In the event that you forget your password. In the login page of the 9280 you can type in the**

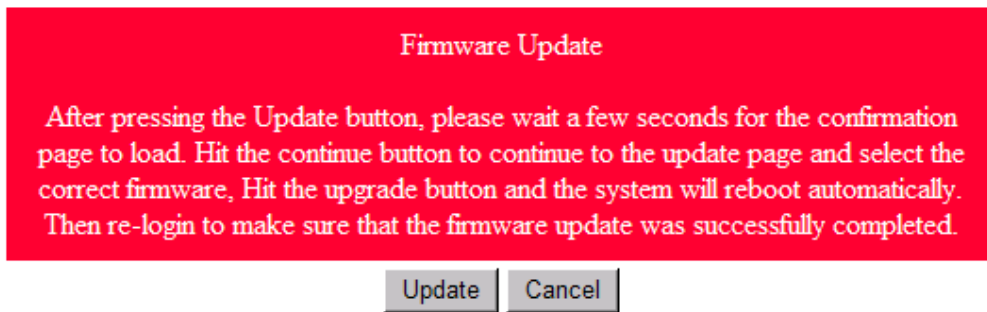
- 1.) Open the webpage of the 9280
 Login: **"super user"** (do not type the quotes and there is a space between super and user)
 Password: leave blank
- 2.) After you have typed in your login and password hit okay
- 3.) Unplug the 9280
- 4.) Plug in the 9280

6. Firmware Update

If no firmware to update please do not go to this page.

When there a new firmware to update, the user will get additional functions that is created for the IP Boot Manager 9280. Click the firmware update on the right side of the page; and wait for a new window to pop up.

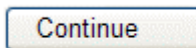
Step1: Click the "firmware update" you will see follow webpage:



Note: **Do not click “update“ if there is no firmware file to update .**

Step 2: Click The Continue button to continue to the next page

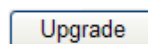
Please waiting 3 seconds,
and click button to next step.



Step 3: Click update button, the following window will pop up.

Upgrade Firmware

Please select a file (~.bin) to upgrade : Browse...



(Upgrading firmware may take 60 seconds)



Upgrade must NOT be interrupted !

Step 4: Click the Brower button to find the corresponding update file (you can download it from our web site or ask it from the dealer), then click Update button to start update firmware. When the update is finished, you must wait one minute before you restart the IP Boot Manager 9280.

Note:

- * Before running the online update program, please make sure that the TCP port is set to 80, or the online update may fail.
- * Please check with your reseller /distributor / importer for the update news.

7. Date and Time Settings (Network Time Protocol)

Date Time: Enter the correct Date (YYYY – MM – DD) and the Correct Time HH:MM:SS (Please use a 24 hour format)

NTP Server IP Address:

Date/Time Set

Date/Time: (yyyy-mm-dd HH:MM:SS)										
2008	.	3	.	24	.	11	:	13	:	32
NTP Server IP Address:										
192	.	43	.	244	.	18	:	Time Zone:	8	
SAVE NTP Local-Time										

Below we have included some NTP server IP addresses that are available at not cost to you:

131.246.9.116
139.18.25.34
128.176.191.9

7. HTTP Commands

You the user can use these developed HTTP commands to achieve certain tasks without the need to enter the website:

Read PC State Status:

http:// username:password@IP Address/Set.cmd?CMD=GetPower
(0: CPU Off 1: CPU On)

Ex. Output will look like:

P61=1,P62=0,P63=1,P64=0,P65=1,P66=0,P67=0,P68=0
P61 = Output 1, **P62** = Output 2, **P64** = Output 4 and so on.

Set PC Power:

http:// username:password@IP Address/Set.cmd?CMD=setPower+p1=0/1
(0 : Reset 1 : Power ON/OFF)

HTTP Command Syntax:

http://IP Address/Set.cmd?user=username:pass=passwordCMD=Enter corresponding command line.
GetPower
SetPower

Note: When entering the HTTP Commands make sure that the format is correct.

8. Webpage Customization

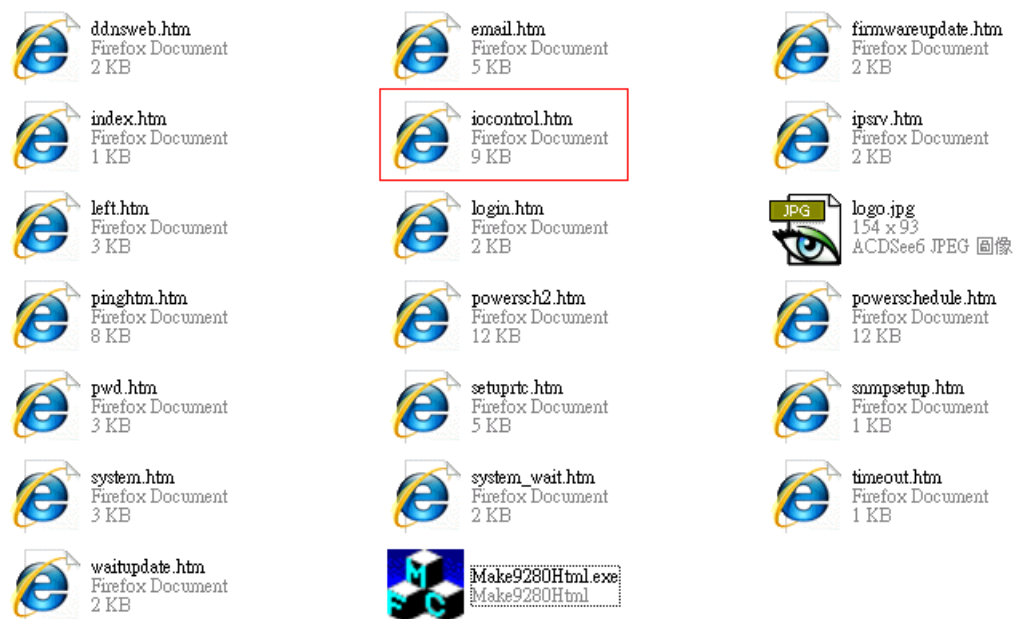
Customer can use our Web page SDK to amend the word and background pictures for your 9280. If not familiar html coding and webpage design, please do not attempt this portion because it may cause problems with your device.

Important Notice:

1. Make sure that the number of characters for the file name does not exceed the original
2. Do not change the structure of webpage – you can only change the pictures and the background.
3. The webpage only supports HTML code.

Step 1: Open the 9280 Webpage SDK file , and choose the webpage that you plan to change.

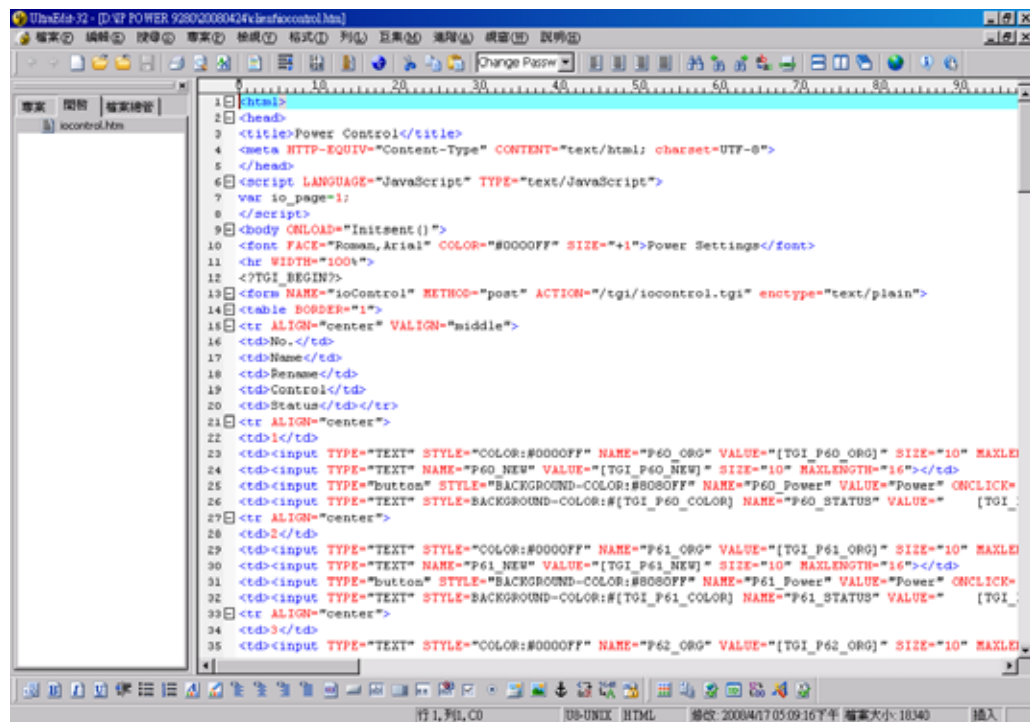
For example: web page “ipcontrol” html file

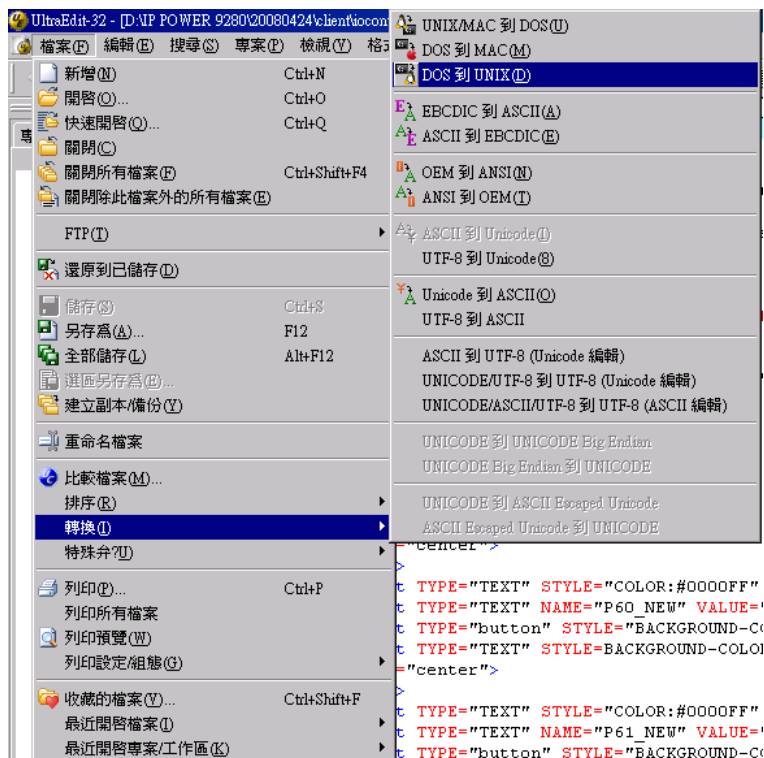


Power Settings

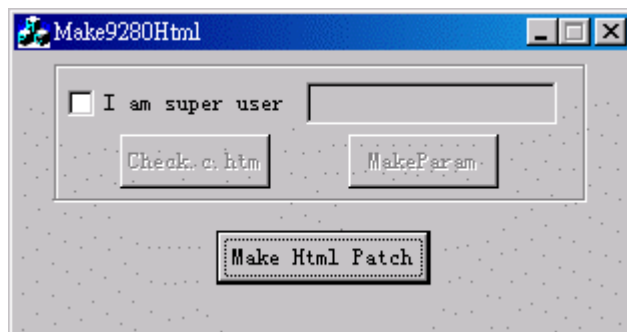
No.	Name	Rename	Control		Status
1	[TGI_P60_ORG	[TGI_P60_NEV	Power	Reset	[
2	[TGI_P61_ORG	[TGI_P61_NEV	Power	Reset	[
3	[TGI_P62_ORG	[TGI_P62_NEV	Power	Reset	[
4	[TGI_P63_ORG	[TGI_P63_NEV	Power	Reset	[
5	[TGI_P64_ORG	[TGI_P64_NEV	Power	Reset	[
6	[TGI_P65_ORG	[TGI_P65_NEV	Power	Reset	[
7	[TGI_P66_ORG	[TGI_P66_NEV	Power	Reset	[
8	[TGI_P67_ORG	[TGI_P67_NEV	Power	Reset	[
Apply Cancel Default_Name					

Step 2: Save file format as **"UNIX"**: Choose "DOS to UNIX"





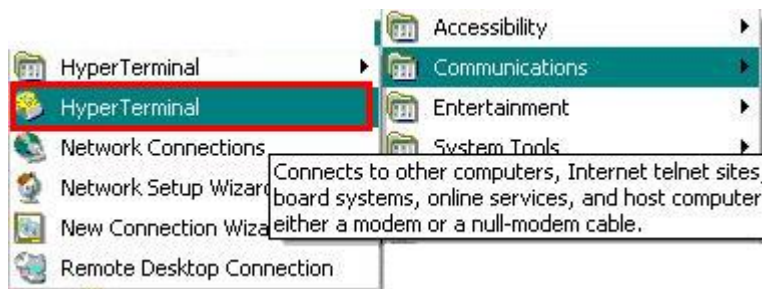
Step 3 : Once you are completely done editing the HTML file open the program “Make9280Html” and hit the button “Make Html Patch”:



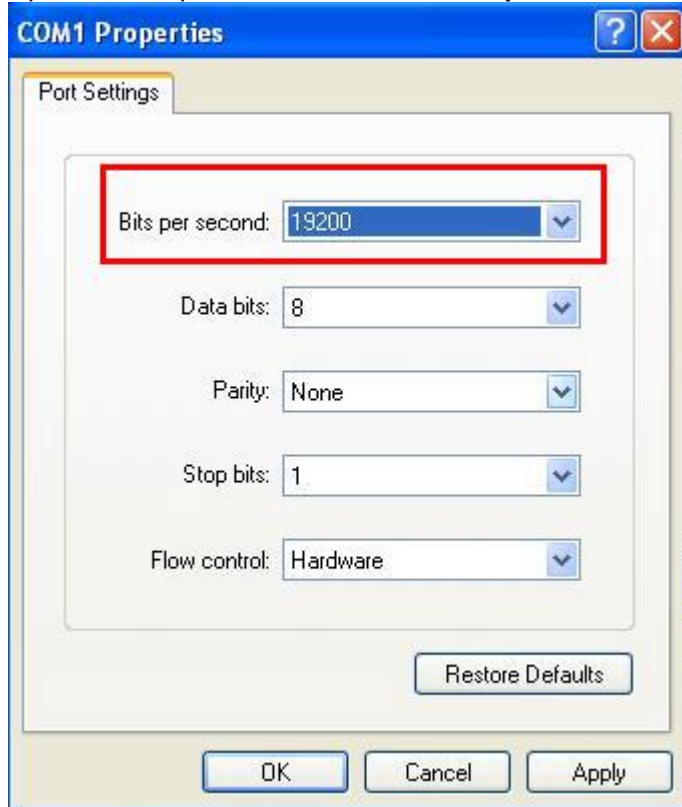
Step 4 : There will be a new file “Update_2008-01-11.bin” which is the BIN file include the amend webpage. Please refer to the update procedure to update the firmware BIN file. Please note the Update procedure must be done in **port 80**.

After you have updated the new firmware if you are still having problems finding the IP Address, please use the RS232 interface and connect a computer with the 9280. Please refer to the following steps:

1. Unplug the 9280
2. Connect the RS232 cable from the 9280 to the (Com 1 Port) of the computer
3. Open “Hyper terminal” located at Start → All Programs → Accessories → Communications → Hyper Terminal.



4.) Set the Bits per second in the **COM1 Properties** to **19200**



- 5.) After all the settings have been set correctly and the com1 port is plugged into the RS232 of the 9280, Plug in the device and power it up.
- 6.) Once the device is connected look for your IP on the screen where the information is being transferred to. There should be a section that says **MyNowIP**: (Refer to the figure below) XXX.XXX.XXX.XXX If you do not see that information please repeat steps 1-5

```

=>DHCP FALSE!
Show MY IP Address(from 24c16): (192.168.01.20):80
Show DNS Server(from 24c16): (168.95.192.01)
_24c16_eeprom_word_read: EE_DHCPEN: (00)
DHCP FALSE! webt_ee_network.dhcp_flag: 0x00
DHCP Not Enable!!!
config_g gateway ip:c0 a8 1 1
dhcp client not enable
gate c0a8 0101
MyNowIP:192.168.1.20.
config.ipaddr : 192.168.1.20:80
config.gateway : 192.168.1.1
config.dnsserver: 168.95.192.1
MY_IP : 192.168.01.20
MY_MAC : 00-92-80-05-06-07

```

- 7.) Type this IP Address into Internet Explorer which will let you access the devices web browser
- 8.) Try re-updating the new firmware now.
- 9.) If for some reason you are not successful, please check to see if the bin file is too big.
If you need to change the firmware back to original factory default please use the provided bin file V1.22 in the SDK.

8. Reset to Manufacturers Default Settings

To Reset the Device back to Manufacturer default settings please hold down the reset button for about 5-7 seconds and then release. Afterwards, please unplug the device and plug it back in.

9. Frequently Asked Questions (F.A.Q)

Q1: I forgot the password and can not enter the administration page now, what can I do?

A1: Use username **"super user"** when log in webpage and then click **"OK"** unplug the device for few second and then plug it back in. 9280 will to set back to default password. (There is space between super and user.)

Q2: Why does the on/off operation can not work immediately?

A2: If you operate the IP Boot Manager 9280 in a LAN environment, the operation will work immediately and smoothly. But ff you operate it through the Internet, the response time depends on the situation of the network and the speed of your internet.